# VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

# LC-R063R4P



## **Specifications**

| Nom                          | 6V                  |                         |
|------------------------------|---------------------|-------------------------|
| Rated Cap                    | 3.4Ah               |                         |
| Dimensions                   | Length              | 5.276 inches (134.0 mm) |
|                              | Width               | 1.339 inches (34.0 mm)  |
|                              | Height              | 2.362 inches (60.0 mm)  |
|                              | Total Height        | 2.598 inches (66.0 mm)  |
| Ар                           | 1.37 lbs. (0.62 kg) |                         |
| Standard Terminals and Resin | UL94HB Faston 187   | LC-R063R4P              |

#### **Characteristics**

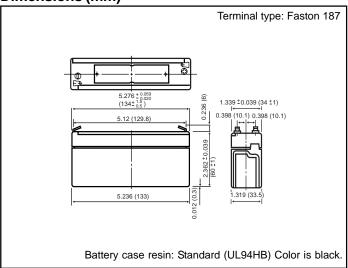
| Capacity <sup>(note)</sup><br>77°F (25°C)                  |                                 | 20 hour rate (170mA)<br>10 hour rate (300mA)<br>5 hour rate (540mA)<br>1 hour rate (2100mA)                                    | 3.4Ah<br>3Ah<br>2.7Ah<br>2.1Ah       |  |
|--|---------------------------------|--|--------------------------------------|--|
|  |                                 | 1.5 hour rate discharge<br>Cut-off voltage 5.25 V  | 1.5A                                 |  |
| Internal Resistance  |                                 | Fully charged battery<br>77°F (25°C)   | Approx. 30mΩ                         |  |
| Temperature<br>dependency<br>of capacity<br>(20 hour rate) |                                 | 104°F (40°C)<br>77°F (25°C)<br>32°F (0°C)<br>5°F (-15°C)   | 102%<br>100%<br>85%<br>65%           |  |
| Self discharge<br>77°F (25°C)                              |                                 | Residual capacity after standing 3 months Residual capacity after standing 6 months Residual capacity after standing 12 months | 91%<br>82%<br>64%                    |  |
| Charge<br>Method<br>(Constant<br>Voltage)                  | Cycle use<br>(Repeating<br>use) | initial current  | 1.36 A or smaller                    |  |
|  |                                 | Control voltage  | 7.25V to 7.45V<br>(per 6V cell 25°C) |  |
|  | Trickle use                     | initial current  | 0.51 A or smaller                    |  |
|  |                                 | Control voltage  | 6.8V to 6.9V<br>(per 6V cell 25°C)   |  |

(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

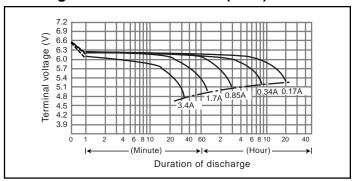
For main and standby power supplies.

Expected trickle life: 3-5 years at 25°C, Approx. 5 years at 20°C.

### **Dimensions (mm)**



### Discharge characteristics 77°F (25°C) (Note)



### Duration of discharge vs. Discharge current (Note)

